

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County		
City of Baldwin Park	Los Angeles		
Authorized Signature	Title		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The proposed generation study year is representative of average annual jurisdiction disposal and diversion since there were no significant unusual disposal or diversion events which were atypical or not representative of normal or average disposal or diversion.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. -12 %	Diversion rate calculated using new generation-based study	b. 18 %
For existing base year pounds/person/day based on generation	5.46	For new generation based study pounds/person/day based on generation	7.54
Residential generation 57 % Non-Residential generation 43 %		Residential generation 33 % Non-Residential generation 67 %	
Population existing generation-based study	69,330	Population new generation-based study	75,900

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The main reason for the large increase in diversion rate is the inaccuracy of the existing base year diversion study. New diversion programs which contributed to the diversion rate increase include: new paper recycling and source reduction programs, particularly at the local schools; new businesses which were not in existence prior to 1990 performing metals recycling, or older businesses which started new programs after 1990; and new grasscycling programs, particularly at schools and government buildings. The under-reporting of disposal accounts for most of the increase in per-person generation rates; population increased by 9.4% between 1990 and 2000 (according to the 2000 census).

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The existing base year diversion rate is inaccurate (negative) because existing base year disposal, diversion, and generation were under-estimated. In particular, the underreporting of 1990 disposal tonnages in the SRRE became apparent in 1995 after Disposal Reporting began, when actual disposal was significantly greater than the SRRE's projected 1995 disposal. The resulting negative diversion rate made necessary a revision to the base year generation rate. The proposed new diversion rate is based on: (1) franchise hauler and Department of Conservation AB 2020 data for residential diversion; (2) CIWMB and LA County Disposal Reporting System for ADC and beneficial use/salvaged materials; and (3) a survey of 238 businesses out of 1370 businesses in Baldwin Park for commercial/industrial sector diversion. The commercial/industrial diversion estimates used average diversion rates for 233 surveyed businesses (17% of the total businesses) extrapolated to estimate the total sector diversion based on employment (i.e. per employee diversion rates).

7. Disposal Tonnage (enter values):	29422	Residential	56239	Total	85882
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Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmcb.ca.gov/LGCentral/Forms/rytnmdrq.doc)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmcb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.					
Diversion Activity	Actual Tons	Relative Percent to Specific Material Type(s) [List operation with multiple materials in one box]	Total Generation	Type of Record and Location of Record	Specific Conversion Factor Used (if any) and Source
Please use the Board's program types. The program type glossary is online at: www.ciwmcb.ca.gov/LGCentral/ParisCoDes/Reduce.htm	(A)	(At Total Generation)			
Residential Source Reduction Activities					
Backyard composting	0.0%				
Grasscycling	0.0%				
Other Residential Source Reduction (list each program separately)					
Enter program name	0.0%				
Enter program name	0.0%				
Enter program name	0.0%				
Enter program name	0.0%				
Enter program name	0.0%				
Subtotal, Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling		Newspaper, mixed paper, cardboard, aluminum cans, aluminum foil, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.			
	2388	2.5%	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices	
Buyback Centers		newspaper, white ledger, computer paper, mixed paper, cardboard, aluminum cans, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.			
	1782	1.7%	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices	
Drop-off Centers					

Diversion Activity	Actual tons (N)	Relative Percentage (AT Total Generation)	Specific Material Types (List operation & mailing materials)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type goes online at: www.ciwmmb.ca/doiv/GCentral/Rants/ComdesReduce.htm					
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	4170	4.0%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste			grass, shrub/tree trimmings, Christmas trees	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	0	0.0%			
Subtotal, Residential Diversion	4170	4.0%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	838	0.8%			
Other Non-Residential Source Reduction (list each program separately)					
City Landscape/Parks Grasscycling	206	0.2%	Grass Clippings	350 lbs/1,000 Square Feet from CIWMBC	City Records of grass area, City Hall
School District Grasscycling	684	0.7%	Grass Clippings	7.6 tons per acre per year	School District Records of grass area, School District
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	1728	1.7%			

Diversion Activity	Actual tons	Relative Percentage to Total Generation	Specific Material Type(s) (list operation by multiple materials in one box)	Specific Conversion Factor (used if any) and Sources	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.lcmib.ca.gov/LGCentral/PartS/CodeReduce.htm					
(A) Total Generation					
Recycling					See Section 9
Non-Residential Waste Audits	2062	2.1%			See Section 9
Other Non-Residential Recycling (list each program separately)					
Enter Program name					
Enter Program name					
Enter Program name					
Enter Program name					
Subtotal Non-Residential Recycling	2062	2.1%			
Non-Residential Composting Activities					See Section 9
Non-Residential Waste Audits	183	0.2%			See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	183	0.2%			
Subtotal Non-Residential Diversion	3973	3.8%			
Residential/Non-Residential Diversions Activities					
ADC	739	0.7%			
Sludge					
Scrap Metal					
Construction and Demolition Landfill Salvage	9900	9.5%			
Subtotal Residential/Non-Residential Diversion	10838	10.2%			
Total Res/Non-Res Source Reduction Tons	1728	1.7%			
Total Diversion Tons	18781	18.0%			
Total Disposal Tons from Sec.7	83862	82.0%			
Total Generation Tons/Div/Dis	104443				
Diversion Rate		18%			

9. Specific Non-Residential Sector Waste Audits—Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g. paper recycling, grass/cycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
Food Manufacturer	1	Recycling of Cardboard, aluminum cans, and plastic buckets. Rendering of grease. Reuse of toner cartridges, paper, and pallets.	22	276		298.23	0.3%	o
Supermarket	2	Recycling of office and mixed paper, cardboard, and plastic shrink wrap. Rendering of meat and fat, and grease. Composting of food waste. Donations of baked goods. Reuse of office paper, cardboard, and toner cartridges.	12	268	8	288.01	0.3%	o
Government Administration	4	Recycling paper, cardboard, aluminum cans, and tires. Composting of green waste. Reuse of magazines, cardboard, paper, toner cartridges, and computers.	6	64	160	229.26	0.2%	o
Retail Store	6	Recycling cardboard. Reuse of metal carts and toner cartridges	1	227		227.05	0.2%	o
Manufacturer	7	Recycling of cardboard and office paper. Reuse of plastic and wood pallets.	58	120		178.33	0.2%	o
Distribution Center	5	Recycling cardboard, office paper, fiber drums, and wood pallets. Composting of green waste. Reuse of tires and donations of food waste.	56	71	1	127.74	0.1%	o
Hospital	8	Recycling of cardboard. Rendering of grease. Reduction of office and mixed paper. Donations of mixed materials. Reuse of pallets.	24	98		122.78	0.1%	o

Commercial Labeling Service	10	Recycling cardboard and wood pallets. Reuse of cardboard and plastic drums.	20	51		70.85	0.1%	0
Manufacturer	11	Recycling paper, cardboard, and aluminum cans. Reuse of cardboard, plastic, and pallets.	1	61		62.75	0.1%	
Distribution Center	32	Recycling paper, cardboard, aluminum cans, and plastic. Composting green waste. Reuse of wood pallets and tires.	48	10	1	59.42	0.1%	
		Totals	248.04	1246.25	170.13	1664.42	1.6%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

Recycling Cardboard - Businesses 1, 2, 4, 6, 7, 5, 8, 10, 11, and 32

Business 1 recycles three 3-cubic yard bins per week of flattened loose cardboard. A conversion factor of 50.08 lbs per cubic yard was used.

Business 2 reported that they recycle two bales per day and that the bales weigh 600 lbs each.

Business 4 reported the number of cubic yards of flattened loose cardboard recycled. A conversion factor of 50.08 lbs per cubic yard was used.

Business 6 reported 11 bales per week normally and 15 bales per week during the 8 week holiday season. The business reported that the bales weigh 750 lbs each.

Business 7 reported that they recycle 20,000 lbs of cardboard per month

Business 5 reported that they recycle two 40 cubic yard bins per month. A conversion factor of 50.08 lbs per cubic yard was used.

Business 8 reported that they recycle 20 bales two times per month. The bales were reported to weigh 500 lbs each.

Business 10 reported that they recycle one 700 lb bale every two weeks.

Business 11 reported that the business recycles 8 bales per year. The bales weigh 350 lbs each.

Business 32 reported the number of cubic yards of flattened loose cardboard recycled. A conversion factor of 50.08 lbs per cubic yard was used.

Recycling Aluminum Cans - Businesses 1, 4, 11, and 32

Business 1 reported that they recycle 30 cases per week. A conversion factor of 0.89 lbs/case was used.

Business 4 reported that they recycle 30 cases per month. A conversion factor of 0.89 lbs/case was used.

Business 11 reported that they recycle 2 and 3/4 cases per month. A conversion factor of 0.89 lbs/case was used.

Business 32 reported that they recycle 2 cubic yards of aluminum cans per month. A conversion factor of 65 lbs per cubic yard was used.

Recycling Plastic - Businesses 1, 2, and 32

Business 1 reported that they recycle 300 plastic 5 gallon buckets per week. A conversion factor of 1.9 lbs per 5 gallon bucket was used.

Business 2 reported that they recycle 5 bags of plastic stretch wrap and bags per day. The business also reported that the bags weigh 5 lbs each.

Business 32 reported recycling 45 PET bottles per week. A conversion factor of 0.12 lbs per PET bottle was used

Recycling Paper - Businesses 2, 4, 7, 5, 11, and 32

Business 2 reported that they recycle 20 lbs of paper per week.

Business 4 reported they recycle 12 three cubic yard bins per week, with a conversion factor from the hauler of 185 lbs per 3 cubic yard bin, and the business reported they also recycle 4 cubic yards of stacked white paper per year, with a conversion factor of 400 lbs per cubic yard.

Business 7 reported that they recycle one 33 gallon container every two weeks. A conversion factor of 25.41 lbs per 33 gallon container was used.

Business 5 reported that they recycle two 3 cubic yard bins every two and a half weeks. A conversion factor of 363.51 lbs per cubic yard was used. The business also reported that they recycle 1,000 lbs per year from perging files.

reported that they recycle 1,000 lbs per year from perging files.

Business 11 reported that they recycle twelve and a half 800 lb bales of paper per month, or 10,000 lbs per month.

Business 32 reported that they recycle six 13 gallon containers per week. A conversion factor of 10.01 lbs per 13 gallon container was used.

Recycling Tires - Business 4

Business 4 reported that they recycle 30 tire per month. A conversion factor of 20 lbs per tire was used.

Recycling Fiber Drums - Business 5

Business 5 reuse and then recycle four hundred 55 gallon drums per year. A conversion factor of 25 lbs per drum was used.

Rendering Pallets - Businesses 5 and 10

Business 5 reported that they sale 150 broken pallet per month to a pallet recycler. A conversion factor of 40 lbs per pallet was used.

Business 10 reported that they sale 40 pallets per week to a pallet recycler. A conversion factor of 40 lbs per pallet was used.

Rendering Meat, Fat, and Grease - Businesses 1, 2, and 8

Business 1 reported that they recycle two three cubic yard bins of grease per week. A conversion factor of 57 lbs per cubic foot or 1,539 lbs per cubic yard was used.

Business 2 reported that they recycle two 55 gallon drums of meat and fat and two 55 gallon drums of grease per week. A conversion factor of 410 lbs per 55 gallon drum was used.

Business 8 reported that they recycle one 55 gallon drum of grease per week. A conversion factor of 410 lbs per 55 gallon drum was used.

Composting Food Waste - Business 2

Business 2 reported that they send to composting one pallet of foodwaste for 50 weeks of the year and two pallet per week for two weeks of the year. The business reported that the pallets weigh 250 lbs each.

Composting Green Waste - Businesses 4, 5, and 32

Business 4 reported that they send the greenwaste from 914,760 square feet of turf area to a composting facility. A conversion factor of 350 lbs per 1,000 square feet per year was used.

Business 5 reported that they send the grass clippings from 0.15 acres to a composting facility. A conversion factor of 6.5 tons per acre per year was used.

Business 32 reported that they send eighty six 33 gallon containers per year to a composting facility. A conversion factor of 25 lbs per 33 gallon container was used.

Reuse of Toner Cartridges - Business 1, 2, 4, and 6

Businesses 1, 2, 4, and 6 reported the number of toner cartridges they return for reuse every year. A conversion factor of 2.5 lbs per cartridge was used.

Reduction and Reuse of Paper and magazines - Businesses 1, 2, 4, and 8

Business 1 reported that they reuse 2 reams of paper per day, five days a week. A conversion factor of 5 lbs per ream was used.

Business 2 reported that they reuse 10 lbs of paper per week.

Business 4 reported that they reuse 1,530 reams of paper and 130 magazines per year. Conversion factors of 5 lbs per ream of paper and 3 lbs per 10 magazines were used.

Business 8 reported that 50 magizens and journals were reused per week. A conversion factor of 3 lbs per 10 journals or magazines was used.

Reuse of Pallets - Businesses 1, 7, 8, 11, 32

Business 1 reported that they repair and reuse 40 pallets every two weeks. A conversion factor of 40 lbs per pallet was used.

Business 7 reported that they repair and reuse 50 pallets per week. A conversion factor of 40 lbs per pallet was used.

Business 8 reported that they repair and reuse 20 pallets per week. A conversion factor of 40 lbs per pallet was used.

Business 11 reported that they reuse 300 pallets, the amount was divided by five to estimate the amount in the system. A conversion factor of 40 lbs per pallet was used.

Business 32 reported that they reuse 10,701 pallets, the amount was divided by five to estimate the amount in the system. A conversion factor of 40 lbs per pallet was used.

Reuse of Cardboard - Businesses 2, 4, 10, and 11

Business 2 reported that they reuse 72 medium boxes per week. A conversion factor of 2 lbs per medium box was used.

Business 4 reported that they reuse 732 small boxes per year. A conversion factor of 1.1 lbs per small box was used.

Business 10 reported that they reuse 70 medium boxes per day. A conversion factor of 2 lbs per medium box was used.

Business 11 reported the number of small and medium boxes reused. Conversion factors of 1.1 lbs per small box and 2.2 lbs per medium box were used.

Reuse of Computers - Business 4

Business 4 reported that they reuse 48 computers per year. A conversion factor of 56 lbs per computer was used.

Reuse of Metal Carts - Business 6

Business 6 reported that they repair for reuse 5 carts per month. A conversion factor of 17 lbs per cart was used.

Reuse of Plastic and Plastic Drums - Business 10 and 11

Business 10 reported that they return one 55 gallon plastic drum per week. A conversion factor of 5 lbs per 55 gallon drum was used.

Reuse of Tires - Businesses 5 and 32

Business 5 reported that they send 150 tires per year to a company that recaps for reuse 80% of the tires received. A conversion factor of 100 lbs per large truck tire was used.

Business 32 reported that they repair for reuse 130 truck tires per year. A conversion factor of 80 lbs per truck tire was used.

Food Donations - Businesses 2 and 5

Business 2 reported that they donate two carts per day to a food bank. A conversion factor of 30 lbs per cart was used.

Business 5 reported that they donate at least 100,000 lbs of potatoes to food banks each year.

Donations of Mixed Materials - Business 8

Business 8 reported that they donate 3,000 lbs per year of mixed materials.

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10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	▼ Machine Shop Metal Recycling (Ref. #81)	1997	5
Inert Solids	▼ Metal Fixtures and Fittings Salvage and Reuse (Ref. #460)	1998	0
Scrap Metal	▼ Scrap Metal Recycling; Metal Parts Repair (Ref. #18)	1999	2
Pull Down for Waste Types	▼ Scrap Metal Recycling; 55 gallon drum reuse (Ref. #56)	1997	9
Pull Down for Waste Types	▼ Metal Cart Repair (Ref. #6)	1997	1
Inert Solids	▼ Landfill Salvage	1991	9900

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda item.

Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
1	Mexican food manufacturing	170			405.60	Recycling	Cardboard	11.72	50.08 lbs/yd ³ , Tellus
1						Recycling	Alum. Cans	0.69	1 case (24 cans)=0.89 lbs, USEPA
1						Recycling	Grease	248.82	57 lbs/ft ³ , FEECO
1						Reuse	Toner Cartridge	0.08	2.5 lbs each, USEPA
1						Reuse	Paper	1.30	0.625 lbs/ream, USEPA
1						Reuse	Plastic Crate	0.00	479.38 5 lbs/cream, business contact
1						Reuse	Plastic Pallet	0.00	40 lbs/pallet, USEPA, divided by 5 (CTWMB reuse credit)
1						Reuse	Wood Pallet	20.80	40 lbs/pallet, USEPA, divided by 5 (CTWMB reuse credit)
2	Supermarket	35			58.50	Recycling	Office Paper	0.52	20 lbs/week, business contact
2						Recycling	Cardboard	218.40	-254.48 700 lbs/bale, contact person
2						Recycling	Mixed Paper	2.08	-5.24 50 lbs/box, contact person
2						Recycling	Plastic Stretch Wrap	4.55	-0.88 22.55 lbs/43, Tellus
2						Composting	Food Waste	8.00	+19.59 250 lbs/pallet, contact person
2						Recycling	Meat/Fat	21.32	41.0 lbs/55 gallon drum, USEPA
2						Reuse	Office Paper	0.26	10 lbs/week, contact person
2						Reuse	Plastic Totes	0.00	4.55 2.5 lbs/box, replaced, contact person
2						Reuse	Cardboard	3.74	2 lbs/box, contact person
2						Reuse	Wood Pallet	0.00	29.95 (CTWMB reuse credit)
2						Reuse	Baked Goods	7.80	10.92 30 lbs/cart, contact person
2						Reuse	Toner Cartridge	0.02	2.5 lbs each, USEPA
2						Rendering	Grease	21.32	4.44 gallons
3	Home appliance retail store	99			468.00	Recycling	Cardboard	16.28	+68.99 700 lbs/bale, contact person
3						Recycling	Alum. Cans	0.00	0.28 5.6 lbs/33 gallons, USEPA
3						Composting	Green Waste	0.00	7.45 25 lbs/33 gallons (grass), USEPA
3						Recycling	Wood Pallet	2.40	-144.00 40 lbs/pallet, USEPA
3						Reuse	Cardboard	0.00	-2.88 4 lbs each (large), USEPA
3						Reuse	Wood Pallet	0.00	40 lbs/pallet, USEPA, divided by 5 (CTWMB reuse credit)
3						Reuse	Various Items	0.00	-0.25 500 lbs/year, contact person
4	Government administration	125	312.0	Roll off	15.60	Recycling	Dry Wall	2.00	-0.00 One pallet a week, at 1,000 lbs/pallet
4						Recycling	Paper	58.04	185 lbs/3 yd ³ bin, per Waste Mgmt
4						Recycling	Paper	0.80	400 lbs/yd ³ (uncomp), USEPA
4						Recycling	Cardboard	0.90	50.08 lbs/yd ³ , Tellus
4						Recycling	Alum. Cans	0.16	1 case (24 cans)=0.89 lbs, USEPA
4						Recycling	Tires	3.60	20 lbs/lire, USEPA
4						Composting	Green waste	160.08	350 lbs/1,000 ft ² area, CTWMB
4						Reuse	Magazines	0.02	3 lbs/10, USEPA

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda Item.

Ref #	Type of Business	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
4					Reuse	Cardboard		0.40 1.1 lbs/box (small), USEPA
4					Reuse	Paper		3.83 5 and 6.4 lbs/ream, USEPA
4					Reuse	Toner cartridge		0.08 2.5 lbs each, USEPA
4					Reuse	Old computers		1.36 26 lbs/CPU, 30 lbs/monitor, USEPA
5	Restaurant distribution center	250			88.92	Cardboard		24.04 50.08 lbs/yd ³ , Tellus
5					Recycling	Office Paper		5.23 263.51 lbs/yd ³ , Tellus
5					Recycling	Office Paper (files)		0.50 1.000 lbs/year, contact person
5					Recycling	Fiberboard	5.00	4.649 25 lbs/drum, contact person
5					Recycling	Alum. Cans	0.00	0.18 1 case (24 cans)=0.89 lbs, USEPA
5					Recycling	Plastic Shrink Wrap		3.49 500 lbs/month, contact person
5					Recycling	Plastic Bucket	0.00	4.10 1.9 lbs/bucket, USEPA
5					Composting	Green Waste		6.5 tons/acre, U.C. Riverside Extension study
5					Recycling	Wood Pallet	36.00	7.20 40 lbs/pallet, USEPA
5					Reuse	Newspaper	0.00	1 lb/paper (USEPA ~ assumes 1/3 in. stack per paper.)
5					Reuse	Mixed Paper	0.00	-0.08 3 lbs/10 USEPA
5					Reuse	Office Paper	0.00	-0.63 5 lbs/ream, USEPA
5					Reuse	Cardboard	0.00	+20.00 2.5 lbs/box, contact person
5					Reuse	Plastic Pallet	0.00	40 lbs/pallet, USEPA, divided by 5 (CWMB reuse credit)
5					Reuse	Plastic Peanuts	0.00	+1.20 200 lbs/month, contact person
5					Reuse	VHS Tapes	0.00	-0.79 0.75 lbs/tape, contact person
5					Reuse	Mixed Materials	0.00	-0.23 300 lbs, 1.5 times/year, contact person
5					Reuse	Plastic	6.00	-0.09 100 lbs per truck tire
5					Donation	Food	50.00	0.00 4,000 lbs per load
6	Retail Store	115			234.00	Cardboard	226.50	14.649 750 lbs/hale, contact person
6					Recycling	Mixed Paper	0.00	-6.24 40 lbs/case, contact person
6					Reuse	Office Paper	0.00	20 % of 1690 lbs of paper double sided, contact person
6					Reuse	Textiles	0.00	-0.17 2.5 lbs/box, USEPA, divided by 8
6					Reuse	Cardboard	0.00	+22 (CWMB reuse credit)
6					Reuse	Metal Carts	0.50 1,000 lbs/pallet, contact person	
6					Reuse	Wood Pallet	0.00	41.69 40 lbs/pallet, USEPA
6					Reuse	Toner Cartridge	0.05 2.5 lbs each, USEPA	
6					70.20	Cardboard	120.00	20,000 lbs/month, contact person
7	Plastic molding manufacturing	150			Recycling	Office Paper	0.33 25.41 lbs/33 gallons, USEPA	
7					Reuse	Cardboard	0.00	44.59 2.2 lbs/box (med), USEPA
7					Reuse	Plastic	6.00	60 lbs/container, contact person

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
7						Reuse	Wood Pallet		40 lbs/pallet, USEPA, divided by 5
8	Hospital	2,400			1,263.60	Recycling	Cardboard	52.00 (CIWMB reuse credit)	96.00/400 lbs/yd ³ (uncomp), USEPA
8						Recycling	Grease		2,464.10 lbs/55 gallon drum, USEPA
8						Reuse	Office Paper	1.63	0.012 lbs/paper, USEPA
8						Reuse	Mixed Paper	0.39	3 lbs/10, USEPA
8						Reuse	Plastic	0.00	18.72 9 lbs/bag, contact person
8						Reuse	Mixed Materials	1.50	3,000 lbs/person, contact person
9	Mail service	475	1170.0	Compactor	263.25	Repair/Reuse	Wood Pallets	0.00	-24.84 40 lbs per pallet
9						Recycling	Paper	19.63	363.5 lbs/yd ³ , USEPA
9						Reuse	Wood pallets	28.80	(CIWMB reuse credit)
10	Commercial labeling service	9	156.0	Roll off	7.80	Reuse	Toner cartridge	0.03	2.5 lbs each, USEPA
10						Recycling	Cardboard	9.10	-2.60 1.1, 2.2, and 4 lbs each, USEPA
10						Recycling	Alum. Cans	0.00	0.04 5.61 lbs/33 gallons, USEPA
10						Reuse	Cardboard	20.02	-13.04 1.25 lbs each box, per manager
10						Reuse	Plastic	0.00	40 lbs/pallet, USEPA, divided by 5 (CIWMB reuse credit)
10						Reuse	Wood pallets	0.00	-41.64 40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
11	Mfg. Envlope	10	195.0	Roll off	9.75	Recycling	Paper	60.00	5 lbs per 55 gallon drum 800 lbs/yd ³ , USEPA (compacted, stacked white for office paper pallets) = 10,000 lbs/month avg. per manager
11						Recycling	Cardboard		350 lbs/base (<400 lbs/yd ³ , compacted, USEPA), per manager
11						Recycling	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
11						Reuse	Cardboard	0.14	1.1 and 2.2 lbs/box, USEPA
11						Reuse	Plastic	0.00	1.9 lbs/bucket, USEPA
11						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
12	Mfg. extruder, converter, printer	95	1404.0	Roll off	70.20	Recycling	Cardboard	39.00	50.08 lbs/yd ³ , Tellus 40 lbs each, USEPA, divided by 5
12						Reuse	Wood pallets	10.40	(CIWMB reuse credit)
13	Plastic molding manufacturing	8	332.8	Roll off	16.64	Recycling	Alum. Cans	0.03	case (24 cans)=0.89 lbs, USEPA
13						Recycling	Cardboard	32.85	6 lbs/gaylord box, per manager
13						Reuse	Plastic	0.03	15 lbs/55 gallon drum, per manager
13						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 21.90 (CIWMB reuse credit)
14	School	75	1560.0	Roll off	78.00	Recycling	Paper	0.55	363.5 lbs/yd ³ , USEPA
14						Recycling	Cardboard	0.02	16.64 lbs/yd ³ , Tellus
15	Automotive Parts	50	234.0	Roll off	11.70	Recycling	Cardboard	40.80	850 lbs/base, per manager

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15						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5
16	Auto wheel distributor	30	312.0	Roll off	15.60	Recycling	Cardboard		0.84 (CJWMB reuse credit)
16						Reuse	Paper		1.31 2.2 and 4 lbs/box, USEPA
16						Reuse	Cardboard		0.03 5 lbs/ream, USEPA
16						Reuse	Wood pallets		1.96 2.2 and 4 lbs/box, USEPA
16						Reuse	Paper		40 lbs each, USEPA, divided by 5
17	Wholesale children books	50	1040.0	Roll off	52.00	Recycling	Alum. Cans		36.54 (CJWMB reuse credit)
17						Reuse	Paper		6.51 16.64 lbs/yd ³ , Tellus
17						Reuse	Plastic		0.11 5.61 lbs/33 gallons, USEPA
17						Reuse	Wood pallets		4.90 5 lbs/ream, USEPA
17						Reuse	Cardboard		19.50 1.1, 2.2, and 4 lbs each, USEPA
17						Reuse	Paper		0.00 1.9 lbs/bucket, USEPA
17						Reuse	Plastic		40 lbs each, USEPA, divided by 5
17						Reuse	Wood pallets		8.06 (CJWMB reuse credit)
17						Reuse	Toner cartridge		0.03 2.5 lbs each, USEPA
18	Importer and Distributor	19	499.2	Roll off	24.96	Recycling	Cardboard		26.00 50.08 lbs/yd ³ , Tellus
18						Reuse	Scrap metal		1560 lbs/yr, per manager. Counts since business <10 yrs old.
18						Reuse	Paper		0.75 business <10 yrs old.
18						Reuse	Cardboard		0.15 5 lbs/ream, USEPA
18						Reuse	Paper		6.58 50.08 lbs/yd ³ , Tellus
18						Reuse	Scrap metal		3000 lbs/yr, per manager. Counts since business <10 yrs old.
18						Reuse	Wood pallets		1.50 business <10 yrs old.
18						Reuse	Fabric		40 lbs each, USEPA, divided by 5
18						Reuse	Toner cartridge		4.16 (CJWMB reuse credit)
18						Reuse	Cardboard		0.08 150 lbs/year, per manager
18						Reuse	Newspaper		0.05 2.5 lbs each, USEPA
19	Tool hardware distributor	8	133.7	Roll off	6.69	Reuse	Cardboard		32.63 1.1, 2.2, and 4 lbs each, USEPA
19						Reuse	Plastic		0.76 35 lbs/12" stack, USEPA
19						Reuse	Wood pallets		0.13 1 lb/day film plastic reused, per manager
19						Reuse	Paper		40 lbs each, USEPA, divided by 5
20	School	56	1560.0	Roll off	78.00	Recycling			3.65 (CJWMB reuse credit)
20						Recycling	Computer paper		3.00 363.5 lbs/yd ³ , USEPA
20						Recycling	Alum. Cans		31.16 655 lbs/yd ³ , USEPA
20						Recycling	Plastic		2.23 5.61 lbs/33 gallons, USEPA
21	School	19			156.00	Recycling	Cardboard	6.01	-3.04 1.9 lbs/yd ³ , USEPA
21						Recycling	Mixed paper	0.00	-30.22 755 lbs/yd ³ , USEPA
21						Recycling	Glass	0.00	4.43 2.85 lbs/year, contact person
21						Recycling	Alum. Cans	0.00	-0.41 5.61 lbs/33 gallons, USEPA
22	School	49	1170.0	Roll off	58.50	Recycling	Cardboard	31.16 363.5 lbs/yd ³ , USEPA	3.00 50.08 lbs/yd ³ , Tellus
22						Recycling	Alum. Cans		0.27 5.61 lbs/33 gallons, USEPA
22						Recycling	Toner cartridge	0.03 2.5 lbs each, USEPA	0.03 2.5 lbs each, USEPA

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
23	School	59	1,560.0	Roll off	78.00	Recycling Paper		31.16	363.5 lbs/yd ³ , USEPA
23						Recycling Cardboard		3.00	50.08 lbs/yd ³ , Tellus
23						Recycling Alum. Cans		0.06	5.61 lbs/33 gallons, USEPA
24	School	59			140.40	Reuse Toner cartridge		0.02	2.5 lbs each, USEPA
24						Recycling Cardboard		6.01	-34.44 50.08 lbs/yd ³ , Tellus
24						Recycling Mixed Paper		0.00	-30.22 75.5 lbs/yd ³ , USEPA
25	School	40	1,560.0	Roll off	78.00	Recycling Alum. Cans		0.00	-0.04 7.02 lbs/13 gallons, USEPA
25						Reuse Alum. Cans		0.06	5.61 lbs/33 gallons, USEPA
26	Cassette manufacturing	24	525.0	Roll off	29.25	Recycling Cardboard		0.02	2.5 lbs each, USEPA
26						Recycling Alum. Cans		26.00	32.50 200-300 lbs/day, per manager
26						Reuse Tin cans		0.00	-4.45 17.82 lbs/33 gallons (crushed), USEPA
26						Reuse Toner cartridge		0.09	2.5 lbs each, USEPA
27	School	23	1,170.0	Roll off	58.50	Recycling Paper		29.04	363.5 lbs/yd ³ , USEPA
27						Recycling Cardboard		3.00	50.08 lbs/yd ³ , Tellus
28	School	20	1,560.0	Roll off	78.00	Recycling Paper		28.35	363.5 lbs/yd ³ , USEPA
28						Recycling Cardboard		2.93	50.08 lbs/yd ³ , Tellus
28						Recycling Alum. Cans		0.23	17.82 lbs/33 gallons (crushed), USEPA
29	Restaurant	26	936.0	Roll off	46.80	Recycling Glass		26.32	12 lbs/case (bottles), USEPA
29						Recycling Alum. Cans		0.02	1 case (24 cans)=0.89 lbs, USEPA
29						Reuse Paper		0.03	5 lbs/ream, USEPA
29						Reuse Cardboard		0.65	1.1, 2.2, and 4 lbs each, USEPA
30	Party good retail store	9	312.0	Roll off	15.60	Recycling Cardboard		27.38	2.2 and 4 lbs each, USEPA
31	Furniture Distributor	8	1,560.0	Roll off	78.00	Recycling Cardboard		0.22	2.2 lbs each (medium), USEPA
31						Reuse Paper		7.80	50.08 lbs/yd ³ , Tellus
31						Reuse Cardboard		0.05	5 lbs/ream, USEPA
31						Reuse Wood pallets		15.60	50.08 lbs/yd ³ , Tellus
31						Reuse Furniture		40 lbs each, USEPA, divided by 5	40 lbs each, USEPA, divided by 5
32	Soft-drink Warehouse/Distribution center	200	1,872.0	Roll off	93.60	Recycling Paper		1.61	10.01 lbs/33 gallon, USEPA
32						Recycling Cardboard		7.81	50.08 lbs/yd ³ , Tellus
32						Recycling Alum. Cans		0.78	65 lbs/yd ³ , USEPA
32						Recycling Plastic		0.14	0.12 lbs/PET bottle, USEPA
32						Composting Green waste		1.08	25 lbs/33 gal. container, USEPA
32						Reuse Wood pallets		40 lbs each, USEPA, divided by 5	42.80 (CIWMB reuse credit)
32						Reuse (repair) Tires (truck)		5.20	80 lbs each (avg. of 60-100 lbs), USEPA
33	Lighting Manufacturing	33	312.0	Roll off	15.60	Recycling Newspaper		24.00	35 lbs/12" stack, USEPA
33						Recycling Cardboard		1.30	50 lbs/week, per manager

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
33						Recycling	Alum. Cans		0.21 case (24 cans)=0.89 lbs, USEPA
33						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5
34	Office supply retail store	19	312.0	Roll off	15.60	Recycling	Cardboard		0.62 (CIWMB reuse credit)
34						Reuse	Wood pallets		0.10 350 lbs/bale, per manager
35	Mental disorder care center	200	1497.6	Roll off	74.88	Recycling	Cardboard		40 lbs each, USEPA, divided by 5
35						Reuse	Alum. Cans		2.60 (CIWMB reuse credit)
35						Reuse	Paper		2.30 2.2 lbs each (medium), USEPA
35						Reuse	Cardboard		0.17 1 case (24 cans)=0.89 lbs, USEPA
35						Reuse	Plastic		0.13 5 lbs/ream, USEPA
35						Reuse	Miscellaneous		0.57 2.2 lbs each (medium), USEPA
35						Reuse	Cardboard		0.02 1.5 lbs/container, per manager
36	Binding manufacturing	50	468.0	Roll off	23.40	Recycling	Paper		1.5 lbs/item (reusable wares), per manager
36						Reuse	Paper		2.60 50.08 lbs/yd ³ , Tellus
36						Reuse	Cardboard		0.02 5 lbs/ream, USEPA
36						Reuse	Cardboard		0.01 2.2 and 4 lbs/box, USEPA
36						Reuse	Pallets		40 lbs each, USEPA, divided by 5
36						Reuse	Toner cartridge		20.80 (CIWMB reuse credit)
36						Reuse	Cardboard		0.01 2.5 lbs each, USEPA
37	Aerospace parts mfg.	40	156.0	Roll off	7.80	Recycling	Cardboard		1.17 1.1 and 2.2 lbs each, USEPA
37						Reuse	Cardboard		18.18 1.1 and 2.2 lbs each, USEPA
37						Reuse	Plastic		2.87 20-25 lbs styrofoam/day, per manager
36						Reuse	Pallets		40 lbs each, USEPA, divided by 5
37						Reuse	Toner cartridge		1.92 (CIWMB reuse credit)
38	Wholesale swim apparel	12	468.0	Roll off	23.40	Recycling	Cardboard		10.77 2.2 lbs/box (med), USEPA
38						Reuse	Cardboard		0.21 1.1 lbs/box, USEPA
38						Reuse	Cardboard		6.50 3 lbs/tube, per manager
38						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5
38						Reuse	Cardboard		2.60 (CIWMB reuse credit)
39	Commercial printing	14	312.0	Roll off	15.60	Recycling	Paper		16.36 5 lbs/ream, USEPA
39						Reuse	Wood pallets		0.45 50.08 lbs/yd ³ , Tellus
39						Reuse	Cardboard		0.18 (CIWMB reuse credit)
40	Adult career training center	90				187.20	Recycling		0.01 2.5 lbs each, USEPA
40						Reuse	Toner cartridge		0.03 1 case (24 cans)=0.89 lbs, USEPA
41	Wholesale hardware products	8	156.0	Roll off	7.80	Recycling	Cardboard		2.17 25 lbs/33 gallons (grass), USEPA
41						Reuse	Alum. Cans		0.03 5 lbs/ream, USEPA
41						Reuse	Composting		40 lbs each, USEPA
41						Reuse	Green waste		Pallets are sold to outside users.
41						Reuse (resale)	Wood pallets		13.00

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41						Reuse	Wood	0.02	40-50 lbs/yr. per manager
42	Hotel	120	2496.0	Roll off	124.80	Recycling	Cardboard	5.20	50.08 lbs/333 gallons, USEPA
42						Recycling	Alum. Cans	0.31	5.61 lbs/33 gallons, USEPA
42						Reuse	Cooking oil/grease	4.62	5.7 lbs/ft ³ , FEECO
42						Reuse	Food (donation)	2.28	10-15 lbs/day food, per manager
42						Reuse	Fabric (clothing)	1.25	2000-3000 lbs/yr donated, per manager
42						Reuse	Furniture	0.50	1000 lbs/yr donated, per manager
43	Metal Fabrication	100	780.0	Roll off	39.00	Recycling	Paper	0.30	5 lbs/team, USEPA
43						Recycling	Cardboard	11.40	300 lbs/bale, per manager
43						Reuse	Paper	0.03	5 lbs/team, USEPA
43						Reuse	Cardboard	1.71	1.9 lbs/bucket, USEPA
43						Reuse	Plastic	0.11	1.9 lbs/bucket, USEPA
43						Reuse	Wood pallets	1.44	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
43						Reuse	Toner cartridge	0.03	2.5 lbs each, USEPA
44	Plumbing Supplies	12	124.8	Roll off	6.24	Recycling	Paper	0.36	60% of 100 lbs/month, per manager
44						Reuse	Paper	0.06	5 lbs/team, USEPA
44						Reuse	Cardboard	1.95	50.08 lbs/333, Tellus
44						Reuse	Plastic	0.02	3 lbs/gallon (bubble), USEPA
44						Reuse	Plastic	0.03	6.27 lbs/ft ³ , Tellus
44						Reuse (fix)	Wood pallets	12.00	40 lbs each, USEPA, to broker for re-build/reuse
44						Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
45	Grocery store	3	312.0	Roll off	15.60	Recycling	Cardboard	12.55	1.1, 2.2, and 4 lbs each, USEPA
45						Reuse	Wood pallets	40	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
45						Reuse	Toner cartridge	1.87	40 lbs each, USEPA
46	Clothing Store	26	780.0	Roll off	39.00	Recycling	Cardboard	0.02	2.5 lbs each, USEPA
46						Reuse	Paper	11.70	50.08 lbs/333, Tellus
46						Reuse	Cardboard	0.05	5 lbs/team, USEPA
46						Reuse (salvage)	Scrap metal	1.76	50.08 lbs/333, Tellus
46						Reuse (salvage)	Scrap metal	250 lbs/yr, per manager. Counts since business <10 yrs old.	
46						Reuse	Plastic	0.13	0.125 lbs/plastic hanger, per manager, divided by 8 (CIWMB reuse credit)
46						Reuse	Wood pallets	4.88	4.88 divided by 8 (CIWMB reuse credit)
46						Reuse	Fabric (clothing)	5.41	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
47	Distributor health & beauty products	30	312.0	Roll off	15.60	Recycling	Paper	0.26	5 lbs/team, USEPA
47						Recycling	Cardboard	1.18	65.5 lbs/case of CPO, per manager
47						Recycling	Alum. Cans	0.03	5.61 lbs/33 gallons, USEPA
47						Reuse	Paper	0.04	5 lbs/team, USEPA

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47					Reuse	Magazines		0.01 3 lbs/10 USEPA
47					Reuse	Cardboard		2.15 2.2 lbs/box (used), USEPA
47					Reuse	Wood pallets		40 lbs each, USEPA, divided by 5
48	Auto tire repair & retail	2	78.0	Roll off	3.90	Recycling		5.20 (CIWMB reuse credit)
48					Reuse	Cardboard		0.47 4 lbs each (large), USEPA
48					Reuse	Alum. Cans		0.03 5.61 lbs/33 gallons, USEPA
48					Reuse	Cardboard		0.16 4 lbs each (large), USEPA
48					Reuse (repair)	Tires		12.00 20 lbs/tire, USEPA
49	Computer Import	30	1040.0	Roll off	\$2.00	Recycling		12.00 50.08 lbs/yd ³ , Tellus
49					Reuse	Cardboard		0.30 5 lbs/stream, USEPA
49					Reuse	Paper		0.01 2.5 lbs each, USEPA
49					Reuse	Miscellaneous		0.04 72 lbs/year (parts) per manager
50	Muffler repair/replacement	3	39.0	Roll off	1.95	Recycling		12.23 1.1, 2.2, and 4 lbs each, USEPA
51	Distributor kitchen & bath products	20	156.0	Roll off	7.80	Recycling		4.31 2.2 lbs each (medium), USEPA
51					Composting	Green waste		1.68 840 lbs/yd ³ , USEPA
51					Reuse	Paper		0.30 5 lbs/stream, USEPA
51					Reuse	Wood pallets		40 lbs each, USEPA, divided by 5
52	Animal Food Supplies	6	103.0	Roll off	5.15	Recycling		5.20 (CIWMB reuse credit)
52					Recycling	Cardboard		0.20 8 lbs/33 gal shredded paper, USEPA
52					Reuse	Paper		2.60 50.08 lbs/yd ³ , Tellus
52					Reuse	Cardboard		0.05 5 lbs/stream, USEPA
52					Reuse	Fiber drums		1.30 50.08 lbs/yd ³ , Tellus
52					Reuse	Wood pallets		1.05 3.5 lbs/0 gal drum, field measure
52					Reuse			40 lbs each, USEPA (to scavenger - full reuse credit)
52					Reuse			5.20 reuse credit
53	Assembly/leather stair	22	140.4	Roll off	7.02	Recycling		1.04 (CIWMB reuse credit)
53					Reuse	Wood pallets		0.01 1 case (24 cans)=0.88 lbs, USEPA
53					Reuse	Alum. Cans		0.01 5 lbs/stream, USEPA
53					Reuse	Paper		0.01 2.61 2.2 and 4.0 lbs/stream, USEPA
53					Reuse	Cardboard		7.80 300 lbs/week, per manager
53					Reuse	Wood		40 lbs each, USEPA, divided by 5
53					Reuse	Wood pallets		0.73 (CIWMB reuse credit)
54	Tire supplies	2	104.0	Roll off	5.20	Recycling		0.02 1 case (24 cans)=0.89 lbs, USEPA
54					Recycling	Tires		10.40 20 lbs/tire, USEPA
54					Reuse	Cardboard		0.33 1.1, 2.2, and 4 lbs each, USEPA
55	Wood furniture manufacturing	30	1560.0	Roll off	78.00	Recycling		0.12 1 case (24 cans)=0.89 lbs, USEPA
55					Reuse	Alum. Cans		2.09 4 lbs each (large), USEPA
55					Reuse	Cardboard		40 lbs each, USEPA, divided by 5
55					Reuse	Pallets		8.32 (CIWMB reuse credit)
56	Metal Fabrication	11	103.0	Roll off	5.15	Recycling		1500 lbs/month, per manager. Counts since business <10 yrs old.
56					Reuse	Scrap metal		9.00
56					Reuse	Paper		0.08 5 lbs/stream, USEPA

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
56						Reuse	Cardboard	0.65	25 lbs/week, per manager
56						Reuse	Scrap metal	0.18	35 lbs/55 gal drum, per manager. Counts since business <10 yrs old.
56						Reuse	Wood pallets	0.52	(CIWMB reuse credit) 40 lbs each, USEPA, divided by 5
57	Warehouse/Distribution	18	780.0	Roll off	39.00	Recycling	Cardboard	5.85	22.5 lbs/week, per manager
57						Reuse	Paper	0.33	5 lbs/ream, USEPA
57						Reuse	Cardboard	1.95	300 lbs/week, per manager
57						Reuse	Wood pallets	2.08	40 lbs each, USEPA, divided by 5
58	Color/Chemical	15	243.4	Roll off	12.17	Recycling	Alum. Cans	0.03	1 case (24 cans)=0.89 lbs, USEPA
58						Reuse	Wood pallets	10.08	(CIWMB reuse credit)
58						Reuse	Toner cartridge	0.02	2.5 lbs each, USEPA
59	Grocery and Liquor Store	5	62.4	Roll off	3.12	Recycling	Cardboard	10.04	1.1 lbs each (small), USEPA
60	Grocery Store	5	624.0	Roll off	31.20	Recycling	Cardboard	0.08	50.08 lbs/yd ³ , Tellus
60						Reuse	Newspaper	1.00	35 lbs/12" stack, USEPA
60						Reuse	Magazines	0.05	3 lbs/10, USEPA
61						Reuse	Cardboard	6.84	2.2 and 4 lbs/box, USEPA
61						Reuse	Food	1.56	60 lbs/week donated, per manager
61	Grocery store	5	166.4	Roll off	8.32	Recycling	Cardboard	2.00	2.2 lbs/box (med), USEPA
61						Recycling	Alum. Cans	0.05	1 case (24 cans)=0.89 lbs, USEPA
61						Recycling	Plastic	0.02	0.05 lb/1/2 oz. Container, USEPA
62	Night club & bar	4	78.0	Roll off	3.90	Recycling	Cardboard	7.80	3 lbs/crate, per manager
62						Recycling	Glass	0.91	35 lbs/week, per manager
62						Recycling	Alum. Cans	8.19	0.53 lbs/bottle, USEPA
63	Die Cutting and Foam Rubber	65	1872.0	Roll off	93.60	Recycling	Paper	0.02	1 case (24 cans)=0.89 lbs, USEPA
63						Recycling	Cardboard	1.10	42.35 lbs/5 gal, USEPA
63						Reuse	Paper	2.60	50.08 lbs/yd ³ , Tellus
63						Reuse	Cardboard	0.90	5 lbs/stream, USEPA
63						Reuse	Wood pallets	2.60	50.08 lbs/yd ³ , Tellus
63						Reuse	Toner cartridge	0.03	2.5 lbs each, USEPA
64	Candy manufacturer	22	468.0	Roll off	23.40	Recycling	Cardboard	6.00	1 ton every 2 months, per manager
64						Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
64						Reuse	Paper	0.01	5 lbs/stream, USEPA
64						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
65	Liquor store	2	312.0	Roll off	15.60	Recycling	Cardboard	0.80	(CIWMB reuse credit)
65						Recycling	Glass	5.70	1, 2, 2, and 4 lbs each, USEPA
65						Recycling	Alum. Cans	0.48	0.53 lbs per bottle, USEPA
						Reuse		0.02	1 case (24 cans)=0.89 lbs, USEPA

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Ref. #	Type of Business	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
65								2.60 5 lbs/plastic crate, per manager
66	Restaurant	5	498.0	Roll off	23.40 Recycling	Cardboard		1.10 2.2 lbs each (medium), USEPA
66	School	72	780.0	Roll off	39.00 Recycling	Cooking oil/grease		0.98 41.0 lbs/25 gallon drum, USEPA
67						Cardboard		3.91 50.08 lbs/yd ³ , Tellus
67						Green waste		7.28 840 lbs/3 yd ³ , USEPA
67	Tea Import	8	117.0	Roll off	5.85 Recycling	Plastic		0.04 0.33 lbs/1 gal. HDPE jug, USEPA
68						Cardboard		1.30 50 lbs/yr ³ , Tellus
68						Paper		0.03 5 lbs/ream, USEPA
68						Cardboard		3.84 1.1.2.2, and 4.0 lbs/box, USEPA
68						Paper bags		0.15 0.5 lb/bag, actual wt per manager
68						Plastic (sheet)		0.52 1 lb/yd ² , USEPA
68						Reuse		40 lbs each, USEPA, divided by 5
69	Seasoned Blends	31	1170.0	Roll off	58.50 Recycling	Wood pallets		2.08 (CJWMB reuse credit)
69						Cardboard		6.00 1000 per month, per manager
69						Alum. Cans	0.11 1 case (24 cans)=0.89 lbs, USEPA	40 lbs each, USEPA, divided by 5
69						Wood pallets		1.44 (CJWMB reuse credit)
70	Textiles	30	2080.0	Roll off	104.00 Recycling	Cardboard		6.00 50.08 lbs/yd ³ , Tellus
70								0.92 2.2 lbs each (medium), USEPA
70								40 lbs each, USEPA, divided by 5
71	Machine Shop	50	1170.0	Roll off	58.50 Recycling	Wood pallets		0.62 (CJWMB reuse credit)
71						Alum. Cans		0.91 7.02 lbs/13 gallons, USEPA
71						Pallets		40 lbs each, USEPA, divided by 5
71						Toner cartridge		4.40 (CJWMB reuse credit)
72	Carburetor, Tune-ups auto shop	3	39.0	Roll off	1.95 Recycling	Cardboard		0.01 2.5 lbs each, USEPA
72								7.34 1.1 and 2.2 lbs/box, USEPA
73	Motel	12	468.0	Roll off	23.40 Recycling	Magazines		0.01 3 lbs/10 USEPA
73						Alum. Cans		0.02 1 case (24 cans)=0.89 lbs, USEPA
74	School	39	1560.0	Roll off	78.00 Recycling	Alum. Cans		4.63 17.82 lbs/33 gallons (crushed), USEPA
74						Paper		0.12 5 lbs/ream, USEPA
74						Cardboard		3.48 363.5 lbs/yd ³ , USEPA
75	Hand tools manufacturing	80	1170.0	Roll off	58.50 Recycling	Cardboard		3.03 50.08 lbs/yd ³ , Tellus
75								0.58 (CJWMB reuse credit)
75						Wood pallets		1.5 lbs/day polishing belts given away, per manager
76	Market	25	2808.0	Roll off	140.40 Recycling	Other		2.35 manager
76						Cardboard		0.57 2.2 lbs each (medium), USEPA
76						Newspaper		0.38 35 lbs/12' stack, USEPA
76						Food (donation)		3.71 1443 lbs/yd ³ , Tellus

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tms/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
76						Reuse	Toner cartridge	0.07	2.5 lbs each, USEPA
77	Meat Market	7	312.0	Roll off	15.60	Recycling	Newspaper	0.30	50 lbs/yard ³ , per manager
78	Car Dealer	23	312.0	Roll off	15.60	Recycling	Cardboard	6.00	2.2 lbs each (medium), USEPA
78						Recycling	Alum. Cans	0.29	2.2 lbs each (medium), USEPA
78						Recycling	Plastic	0.06	1 case (24 cans)=0.89 lbs, USEPA
78						Recycling	Plastic	0.04	0.33 lbs/1 gal. HDPE jug, USEPA
78						Recycling	Tires	0.03	0.05 lbs/average cont., USEPA
78						Reuse	Plastic	0.04	6.27 lbs/yd ³ , Tellus
78						Reuse	Toner cartridge	0.05	2.5 lbs each, USEPA
79	Golf Club Distributor	14	46.8	Roll off	2.34	Recycling	Cardboard	5.85	1.5 lbs each box, per manager
79						Reuse	Paper	0.05	1.5 lbs/ream, USEPA
79						Reuse	Cardboard	0.02	1.25 lbs each box, field measured
80	Leather Supplies	5	25.0	Roll off	1.25	Reuse	Plastic	0.01	6.27 lbs/yd ³ , Tellus
80						Reuse	Paper	0.08	5 lbs/ream, USEPA
80						Reuse	Cardboard	1.56	2.2 and 4 lbs each, USEPA
80						Reuse	Plastic	0.13	1.5 lbs/week plastic bags, per manager
80						Reuse (repair)	Wood pallets	40	lbs each, USEPA (to scavenger - full
80						Reuse	Toner cartridge	0.00	2.5 lbs each, USEPA
81	Machine Shop	12	124.8	Roll off	6.24	Recycling	Cardboard	0.15	25 lbs/month, per manager
81						Recycling	Alum. Cans	0.05	17.82 lbs/33 gallons (crushed), USEPA
81						Recycling	Scrap metal	5.40	906 lbs/yd ³ , USEPA
81						Reuse	Wood pallets	0.02	1 case (24 cans)=0.89 lbs, USEPA
81						Reuse	Cardboard	0.49	1.1, 2.2, and 4 lbs each, USEPA
82	Waterbed manufacturing	4	156.0	Roll off	7.80	Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
82						Recycling	Plastic	5.00	500 lbs/box (sheeting), per manager
82						Reuse	Wood pallets	0.05	40 lbs each, USEPA, divided by 5
82						Reuse	Cardboard	0.49	1.1, 2.2, and 4 lbs each, USEPA
83	Electronics Manufacture	50	390.0	Roll off	19.50	Recycling	Cardboard	3.90	50.08 lbs/yd ³ , Tellus
83						Reuse	Paper	0.12	1.5 lbs/ream, USEPA
83						Reuse	Cardboard	0.06	10 lbs/month, per manager
83						Reuse	Plastic	1.00	2000 lbs/yr, per manager
83						Reuse	Wood pallets	40	lbs each, USEPA, divided by 5
83						Reuse	Toner cartridge	0.42	(CIWMB reuse credit)
84	School	52	1560.0	Roll off	78.00	Recycling	Cardboard	0.01	2.5 lbs each, USEPA
84						Recycling	Computer paper	3.91	50.08 lbs/yd ³ , Tellus
84						Recycling	Alum. Cans	0.18	1 case (24 cans)=0.89 lbs, USEPA
84						Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
85	Wood Mfg. & Hardware supply	47	1560.0	Roll off	78.00	Recycling	Cardboard	3.25	25 lbs/day, per manager x 260 days
85						Recycling	Computer paper	0.06	10 lbs/month, per manager

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Ref. #	Type of Business	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
85					Recycling	Alum. Cans		0.29 5.61 lbs/33 gallons, USEPA
85					Reuse	Plastic	1.5 lbs/3 gal. bag full mixed plastic	
85					Reuse	Wood pallets	0.08 bottles, per manager	
85					Reuse	Toner cartridge	40 lbs each, USEPA, divided by 5	1.20 (CIWMB reuse credit)
85					Reuse		0.09 2.5 lbs each, USEPA	
86	Property management company	20	62.4	Roll off	3.12 Recycling	Textiles (rags)	1 lb/ft ² , USEPA (100 rags sent to linen service/2 weeks x 3 ft/rag)	0.14 service/2 weeks x 3 ft/rag
86					Reuse	Alum. Cans	0.29 1 case (24 cans)=0.89 lbs, USEPA	
87	Grocery Distributor	6	124.8	Roll off	6.24 Recycling	Wood pallets	40 lbs each, USEPA, divided by 5	0.05 1 case (24 cans)=0.89 lbs, USEPA
87					Reuse	Alum. Cans	0.05 16.64 lbs/yd ³ , Tellus	
87					Reuse	Cardboard	4.34	40 lbs each, USEPA, divided by 5
88	Mfg. Automatic packaging equipment	21	156.0	Roll off	7.80 Recycling	Wood pallets	0.48 (CIWMB reuse credit)	
88					Composting	Alum. Cans	0.08 1 case (24 cans)=0.89 lbs, USEPA	
88					Reuse	Green waste	0.59 2.5 lbs/33 gal. container, USEPA	
88					Reuse	Paper	0.01 5 lbs/ream, USEPA	
88					Reuse	Paper	0.07 8 lbs/33 gal. shredded paper, USEPA	
88					Reuse	Cardboard	3.25 1.1, 2.2, and 4 lbs each, USEPA	
89	Mfg. Stable equipment	22	416.0	Roll off	20.80 Recycling	Wood pallets	40 lbs each, USEPA, divided by 5	
89					Reuse	Cardboard	0.07 8 lbs/33 gal. shredded paper, USEPA	
89					Reuse	Alum. Cans	0.26 1.1, 2.2, and 4 lbs each, USEPA	
89					Reuse	Cardboard	0.01 5.61 lbs/33 gallons, USEPA	
89					Reuse	Alum. Cans	0.19 14 lbs each (large), USEPA	
89					Reuse	Plastic	0.05 6.27 lbs/yd ³ , Tellus	
89					Reuse		40 lbs each, USEPA (repair - full CIWMB reuse credit)	
89					Reuse (repair)	Wood Pallets	2.09 reuse credit	
89					Reuse	Sawdust	0.13 37.5 lbs/yd ³ , Tellus	
89					Reuse	Wood pallets	0.60 40 lbs each, USEPA (used as firewood)	
89					Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
89					Reuse	Wood pallets	0.43 (CIWMB reuse credit)	
90	RV Sales	20	624.0	Roll off	31.20 Recycling	Cardboard	3.91 50.08 lbs/yd ³ , Tellus	
90					Reuse	Wood pallets	0.05 (CIWMB reuse credit)	
90					Reuse	Cardboard	0.50 5 lbs/ream, USEPA	
90					Reuse	Alum. Cans	0.05 1 case (24 cans)=0.89 lbs, USEPA	
90					Reuse	Polystrene	0.52 1.5 lbs/33 gallons, USEPA	
90					Reuse		40 lbs each, USEPA, divided by 5	
91	Handbag Warehouse	25	78.0	Roll off	3.90 Recycling	Wood pallets	0.05 (CIWMB reuse credit)	
91					Reuse	Cardboard	3.90 50.08 lbs/yd ³ , Tellus	
91					Reuse	Alum. Cans	0.01 1 case (24 cans)=0.89 lbs, USEPA	
91					Reuse	Paper	0.03 5 lbs/ream, USEPA	
91					Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
91					Reuse		0.05 (CIWMB reuse credit)	

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92	Diesel and Motor Racing Fuel Distrib.	5	312.0	Roll off	15.60	Recycling	Cardboard	0.60	100 lbs/month, per manager
92						Reuse	Paper	0.02	5 lbs/team, USEPA
92						Reuse (fix)	Wood pallets	3.60	40 lbs each, USEPA, to scavenger for reuse
92						Reuse	Wood pallets	0.24	(CIWMB reuse credit)
92						Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
93	Manufacturing Miso	12	374.4	Roll off	18.72	Recycling	Paper	2.28	1 lb/sack (50# dry goods), USEPA
93						Recycling	Cardboard	2.15	2.2 lbs/box (med), USEPA
93						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	(CIWMB reuse credit)
94	Computer mfg (assembly)	30	132.6	Roll off	6.63	Recycling	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
94						Reuse	Cardboard	3.92	2.2 and 4.0 lbs/box, USEPA
94						Reuse	Paper	0.20	5 lbs/team, USEPA
95	Auto detail distributor	2	44.2	Roll off	2.21	Recycling	Cardboard	2.20	2.2 lbs each (medium), USEPA
95						Reuse	Cardboard	0.10	2.2 lbs each (medium), USEPA
95						Reuse	Wood pallets	0.34	(CIWMB reuse credit)
96	School	75	1560.0	Roll off	78.00	Recycling	Cardboard	3.91	50.08 lbs/yd ³ , Tellus
96						Recycling	Alum. Cans	0.04	1 case (24 cans)=0.89 lbs, USEPA
97	Cheese Manufacturer	10	93.6	Roll off	4.68	Recycling	Cardboard	1.30	50.08 lbs/yd ³ , Tellus
97						Reuse	Paper	0.17	50.08 lbs/yd ³ , USEPA
97						Reuse	Cardboard	0.65	50.08 lbs/yd ³ , Tellus
97						Reuse	Plastic	0.72	24 lbs each 55-gal ABS drum, per manager
97						Reuse	Wood pallets	1.04	(CIWMB reuse credit)
98	Metal Welding	15	156.0	Roll off	7.80	Recycling	Plastic	3.25	25 lbs/day, per manager x 260 days
98						Reuse	Paper	0.03	1.5 lbs/team, USEPA
98						Reuse	Cardboard	0.30	50 lbs/month, per manager
98						Reuse	Wood pallets	0.24	(CIWMB reuse credit)
99	Meat Market	2	234.0	Roll off	11.70	Recycling	Newspaper	1.30	35 lbs/12" stack, USEPA
99						Recycling	Cardboard	1.82	70 lbs/week, per manager
99						Donation	Food	0.60	100 lbs/month, per management
100	Coffee Roasting	3	31.2	Roll off	1.56	Recycling	Cardboard	0.65	50.08 lbs/yd ³ , Tellus
100						Reuse	Paper	0.01	5 lbs/team, USEPA
100						Reuse	Cardboard	0.33	50.08 lbs/yd ³ , Tellus
100						Reuse	Wood pallets	0.29	(CIWMB reuse credit)
100						Reuse	Wood pallets	40 lbs each, USEPA (to broker - full	(CIWMB reuse credit)
101	Mfg Glass ornaments	70	249.6	Roll off	12.48	Recycling	Cardboard	0.98	2.2 and 4.0 lbs/box, USEPA

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Ref #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
101						Reuse	Paper	0.03	5 lbs/ream, USEPA
101						Reuse	Paper	0.13	1 lb junk mail/day, per manager
101						Reuse	Magazines	0.09	3 lbs/10, USEPA
101						Reuse	Paper	1.30	8 lbs/3.3 gal shredded paper, USEPA
101						Reuse	Newspaper	0.13	3.5 lbs/12" stack, USEPA
								40 lbs each, USEPA, divided by 5	
101						Reuse	Wood pallets	0.45	(CIWMB reuse credit)
102	Restaurant	10	468.0	Roll off	23.40	Recycling	Alum. Cans	0.20	1 case (24 cans)=0.89 lbs, USEPA
102						Recycling	Glass	1.83	0.5 lbs/bottle, USEPA
102						Reuse	Paper	0.02	5 lbs/ream, USEPA
102						Reuse	Cardboard	0.26	2.2 and 4 lbs/box, USEPA
103	Importer/Distributor	4	104.0	Roll off	5.20	Recycling	Cardboard	0.09	1.1, 2.2, and 4 lbs each, USEPA
103						Reuse	Paper	0.03	5 lbs/ream, USEPA
103						Reuse	Cardboard	2.40	4 lbs each (large), USEPA
103						Reuse	Plastic	1200 lbs/yr reused as packing material per	
103						Reuse	Wood pallets	0.30	40 lbs each, USEPA (rebuild - full credit)
103						Reuse	Toner cartridge	0.00	2.5 lbs each, USEPA
104	Ladies Garment Distributor	8	78.0	Roll off	3.90	Reuse	Paper	0.06	5 lbs/ream, USEPA
104						Reuse	Cardboard	0.12	20 lb/month, per manager
104						Reuse	Plastic	3.00	500 lb/month, per manager
104						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
104						Reuse	Fabric	0.12	(CIWMB reuse credit)
104						Reuse	Tires	0.01	Dorothy garments, per manager
105	Auto body & paint shop	8	780.0	Roll off	39.00	Recycling	Cardboard	3.25	20 lbs/ft ² , USEPA
106	Warehouse/Distribution	9	124.8	Roll off	6.24	Recycling	Paper	0.30	50.08 lbs/yd ³ , Tellus
106						Reuse	Cardboard	0.06	5 lbs/ream, USEPA
106						Reuse	Plastic	2.62	0.75, 0, and 3.2 lbs each, field weighted
106						Reuse	Plastic	0.01	3 lbs/3.3 gallons, USEPA
106						Reuse	Wood pallets	0.01	6.27 lbs/yd ³ , Tellus
106						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
107	Cooler Refurbishing Center	50	2080.0	Roll off	104.00	Recycling	Cardboard	0.87	16.64 lbs/yd ³ , Tellus
107						Recycling	Alum. Cans	0.06	7.02 lbs/1.3 gallons, USEPA
107						Recycling	Plastic	1.56	22.55 lbs/yd ³ , Tellus
107						Reuse	Paper	0.16	8 lbs/3.3 gal shredded paper, USEPA
107						Reuse (repair)	Wood pallets	3.90	40 lbs each, USEPA (full credit for fix)
108	Auto parts retail	5	117.0	Roll off	5.85	Recycling	Cardboard	0.39	1.1 and 2.2 lbs/box, USEPA
108	Manufacturing	13	78.0	Roll off	3.90	Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
109						Recycling	Cardboard	0.52	(CIWMB reuse credit)
109								2.60	50.08 lbs/yd ³ , Tellus

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110	Bakery Shop	4	62.4	Roll off	3.12	Donation	Food	2.81	18 lbs/ft ³ (bread), FEECO
111	Trucking company	22	78.0	Roll off	3.90	Recycling	Tires (truck)	2.00	80 lbs. each (avg. of 60-100 lbs), USEPA
111						Reuse	Plastic	0.01	40 lbs each, USEPA, divided by 5
111						Reuse	Wood pallets	0.73	(CIWMB reuse credit)
112	Manufacturing Doors	12	312.0	Roll off	15.60	Recycling	Alum. Cans	0.10	1 case (24 cans)=0.89 lbs, USEPA
112						Reuse	Cardboard	0.03	50 lbs/year, per manager
113	Hardwood Flooring Contractor	10	421.2	Roll off	21.06	Recycling	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
113						Reuse	Wood pallets	2.60	(CIWMB reuse credit)
113						Reuse	Wood	2.60	100 lbs/week, per manager
113						Reuse	TVs and VCRs	0.02	30 lbs, per manager
114	Mfg. Spring products	2	65.0	Roll off	3.25	Reuse	Cardboard	2.11	1.1, 2.2, and 4 lbs each, USEPA
114						Reuse	Cardboard	0.40	11 lbs/55 gal. fiber drum, per manager
114						Reuse	Wood pallets	40 lbs/each, USEPA, divided by 5	
114						Reuse	Wood pallets	0.02	(CIWMB reuse credit)
115	Garnet Wholesale Distributor	4	156.0	Roll off	7.80	Recycling	Cardboard	1.95	50.08 lbs/yd ³ , Tellus
115						Reuse	Paper	0.02	5 lbs/stream, USEPA
115						Reuse	Cardboard	0.14	4 lbs each (large), USEPA
115						Reuse	Plastic	0.07	22.55 lbs/yd ³ , Tellus
115						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
115						Reuse	Wood pallets	0.38	(CIWMB reuse credit)
116	Ice cream store	3	156.0	Roll off	7.80	Recycling	Cardboard	0.40	2.2 and 4.0 lbs/box, USEPA
116						Reuse	Plastic	1.73	1.9 lbs/bucket, USEPA
117	Tax forms wholesale	2	104.0	Roll off	5.20	Recycling	Paper	0.11	5 lbs/stream, USEPA
117						Recycling	Cardboard	0.64	12.80 lbs/yr, per manager
117						Recycling	Alum. Cans	0.05	1 case (24 cans)=0.89 lbs, USEPA
117						Reuse	Cardboard	0.55	2.2 lbs/box (med), USEPA
117						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	
117						Reuse	Toner cartridge	0.05	2.5 lbs each, USEPA
118	Mfg. Plastic pants	4	95.0	Roll off	9.75	Reuse	Paper	0.00	37 lbs/ft ³ (manila env.), FEECO
118						Reuse	Cardboard	0.31	2.2 lbs/box (med), USEPA
118						Reuse	Wood pallets	40 lbs/each, USEPA, divided by 5	
118						Reuse	Wood pallets	0.60	(CIWMB reuse credit)
119	Clothing manufacturing	10	208.0	Roll off	10.40	Reuse	Paper	0.05	5 lbs/ream, USEPA
120	Chemical packaging	2	7.8	Roll off	0.39	Reuse	Paper	0.02	5 lbs/ream, USEPA
120						Reuse	Cardboard	0.09	15 lbs/month, per manager
120						Reuse	55-gal drums	35 lbs/drum, per manager	
120						Reuse	55-gal drums	2.10	business <10 yrs old.
121	Plastic distribution	19	936.0	Roll off	46.80	Recycling	Alum. Cans	0.09	1 case (24 cans)=0.89 lbs, USEPA
121						Reuse	Wood pallets	40 lbs each, USEPA, divided by 5	

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
121						Reuse	Paper		0.08 5 lbs/ream, USEPA
121						Reuse	Cardboard		0.30 30 lbs/gaylord, per manager
121						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
122	Grocery store	2	208.0	Roll off	10.40	Recycling	Cardboard		0.40 (CIWMB reuse credit)
122						Reuse	Newspaper		0.48 80 lbs/month, per manager
122						Reuse			0.12 20 lbs/month, per manager
123	Riding Merchandise	14	390.0	Roll off	19.50	Recycling	Food		250 lbs/month (meal) donated, per 1.50 manager
123						Reuse	Cardboard		1.31 2.2 and 4 lbs/box, USEPA
123						Reuse	Paper		0.10 8 lbs/33 gal shrcdd paper, USEPA
123						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
124	Mfg. & retail furniture store	4	117.0	Roll off	5.85	Recycling	Cardboard		1.96 2.2 and 4 lbs each, USEPA
125	Assembly key locks	5	156.0	Roll off	7.80	Recycling	Cardboard		0.07 1.1 lbs each (small), USEPA
125						Reuse	Newspaper		0.39 3.5 lbs/12" stack, USEPA
125						Reuse	Cardboard		1.44 1.1 lbs each (small), USEPA
126	Sportswear Importer/distributor	50	208.0	Roll off	10.40	Recycling	Cardboard		1.80 50.08 lbs/yd ³ , Tellus
126						Reuse	Paper		0.06 5 lbs/ream, USEPA
127	Bulids Musical Instruments	4	117.0	Roll off	5.85	Recycling	Cardboard		0.65/50.08 lbs/yd ³ , Tellus
127						Reuse	Cardboard		0.99 50.08 lbs/yd ³ , Tellus
127						Reuse	Wood pallets		40 lbs each, USEPA (full credit for give-away credit)
128	Wholesale natural history goods	8	78.0	Roll off	3.90	Recycling	Cardboard		0.12 away credit, USEPA (full credit for CIWMB)
128						Reuse	Alum. Cans		1.58 2.2 lbs each (medium), USEPA
128						Reuse	Cardboard		0.01 1 case (24 cans)=0.89 lbs, USEPA
129	Marble	20	430.6	Roll off	21.53	Reuse	Paper		0.14 2.2 lbs each (medium), USEPA
129						Reuse	Cardboard		0.06 5 lbs/ream, USEPA
129						Reuse	Wood pallets		0.30 50 lbs/month, per manager
129						Reuse	Toner cartridge		1.20 200 lbs/mo savings, per manager
130	Wholesale head caps	11	390.0	Roll off	19.50	Recycling	Cardboard		0.01 2.5 lbs each, USEPA
131	Airplane parts distributor	47	624.0	Roll off	31.20	Recycling	Paper		1.57 4 lbs/box (large), USEPA
131						Reuse	Cardboard		0.07 5 lbs/ream, USEPA
131						Reuse	Recycling		0.60 100 lbs/month, per manager
131						Reuse	Paper		0.04 4 lbs per phone book, USEPA
131						Reuse	Alum. Cans		0.46 17.82 lbs/33 gallons (crushed), USEPA
131						Reuse	Tin cans		0.01 0.77 lbs/can (#10), USEPA
131						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
131						Reuse	Toner cartridge		0.03 2.5 lbs each, USEPA
132	Fabric Wholesaler	6	52.0	Roll off	2.60	Recycling	Alum. Cans		0.10 17.82 lbs/33 gallons (crushed), USEPA
132						Reuse	Cardboard		0.60 100 lbs/month, per manager
132						Reuse	Computer paper		0.33 655 lbs/yd ³ , USEPA
132						Reuse	Wood pallets		0.40 (CIWMB reuse credit)

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (ton/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
132						Reuse	Toner cartridge	0.00	2.5 lbs each, USEPA
133	Fiber Optics Manufacture and Sales	30	156.0	Roll off	7.80	Reuse	Paper	0.06	5 lbs/team, USEPA
133						Reuse	Cardboard	0.65	25 lbs/week, per manager
133						Reuse	Scrap metal	0.50	1000 lbs/yr, per manager. Counts since business < 10 yrs old.
133						Reuse	Wood pallets	0.22	40 lbs each, USEPA, divided by 5
133						Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
134	Furniture Manufacturing	30	234.0	Roll off	11.70	Recycling	Alum. Cans	0.01	17.82 lbs/33 gallons (crushed), USEPA
134						Reuse	Cardboard	0.08	3 lbs/week, per manager
134						Reuse	Wood pallets	1.04	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
134						Reuse	Plastic	0.26	10 lbs/55 gal. container of foam, per manager
134						Reuse	Toner cartridge	0.00	2.5 lbs each, USEPA
135	Airplane parts polishing	10	156.0	Roll off	7.80	Recycling	Alum. Cans	0.04	1 case (24 cans)=0.89 lbs, USEPA
135						Reuse	Paper	0.20	2 lbs/week, per manager
135						Reuse	Cardboard	1.04	4 lbs each (large), USEPA
135						Reuse	Wood pallets	0.12	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
136	Mfg. Solid surface & cultured onyx	6	156.0	Roll off	7.80	Reuse	Newspaper	0.46	35 lbs/12" stack, USEPA
136						Reuse	Wood pallets	0.83	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
137	Warehouse	10	112.3	Roll off	5.62	Recycling	Cardboard	0.73	50.08 lbs/yd ³ , Tellus
137						Reuse	Paper	0.08	5 lbs/team, USEPA
137						Reuse	Cardboard	0.25	10 lbs/week, per manager
137						Reuse	Plastic	0.02	3 lbs/33 gallons, USEPA
137						Reuse	Plastic	0.04	6.27 lbs/yd ³ , Tellus
137						Reuse	Wood pallets	0.12	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
138	Wholesale air-conditioning parts	5	101.4	Roll off	5.07	Recycling	Cardboard	0.11	1.1 lbs each (small), USEPA
138						Reuse	Paper	0.13	5 lbs/team, USEPA
138						Reuse	Cardboard	0.36	1.1 lbs each (small), USEPA
138						Reuse	Wood pallets	0.42	40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
139	Laundry machine rebuilding service	5	156.0	Roll off	7.80	Recycling	Cardboard	1.14	2.2 lbs each (medium), USEPA
139						Reuse	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
140	Electronic retail store	5	83.2	Roll off	4.16	Reuse	Cardboard	1.14	1.1 and 2.2 lbs each, USEPA
141	424-A Cloverleaf Drive	4	156	Roll off	0.78	Recycling	Paper	0.90	150 lbs/month, per manager
141						Reuse	Paper	0.08	5 lbs/team, USEPA
141						Reuse	Cardboard	0.12	20 lbs/month, per manager
141						Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
142	Computer Parts Distribution	15	374.4	Roll off	18.72	Reuse	Paper	0.115	1.15 lbs/team, USEPA

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
142						Reuse	Cardboard		0.91 3.5 lbs/week, per management
142						Reuse	Plastic (peanuts)		0.04 6.27 lbs/yd ³ , Tellus
142						Reuse	Toner cartridge		0.01 2.5 lbs each, USEPA
143	Motel	3	156.0	Roll off	7.80	Recycling	Glass		0.96 0.53 lbs per bottle, USEPA
143						Recycling	Alum. Cans		0.11 1 case (24 cans)=0.89 lbs, USEPA
144	Parking Lot Sweeping	20	156.0	Roll off	7.80	Recycling	Cardboard		0.57 2.2 lbs/box (med), USEPA
144						Recycling	Paper		0.22 5 and 6.4 lbs/ream, USEPA
144						Recycling	Alum. Cans		0.02 1 case (24 cans)=0.89 lbs, USEPA
144						Reuse	Paper		0.22 5 and 6.4 lbs/ream, USEPA
145	Tape Capping	10	104.0	Roll off	5.20	Recycling	Cardboard		0.01 2.5 lbs each, USEPA
145						Reuse	Wood pallets		0.52 4 lbs each (large), USEPA
146	Warehouse/Distribution	20	51.5	Roll off	2.57	Recycling	Cardboard		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
146						Reuse	Paper		0.52 (CIWMB reuse credit)
146						Reuse	Cardboard		0.11 5 lbs/ream, USEPA
146						Reuse	Plastic		0.30 50.08 lbs/yd ³ , Tellus
146						Reuse			0.01 6.27 lbs/yd ³ , Tellus
146						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
146						Reuse	Toner cartridge		0.01 2.5 lbs each, USEPA
146						Reuse	Miscellaneous		0.20 10 lbs/box of merchandise, per manager
147	Mfg. Galvanizing steel	5	62.4	Roll off	3.12	Recycling	Alum. Cans		0.02 1 case (24 cans)=0.89 lbs, USEPA
147						Reuse	Newspaper		0.13 3.5 lbs/12" stack, USEPA
147						Reuse	Cardboard		0.35 1.1 and 2.2 lbs each, USEPA
147						Reuse	Pallets		0.42 (CIWMB reuse credit)
148	Fiberglass Application	4	202.8	Roll off	10.14	Reuse	Plastic		0.83 1.9 lbs/bucket, USEPA
149	Metal stamping mfg.	4	70.7	Roll off	3.54	Recycling	Alum. Cans		0.02 1 case (24 cans)=0.89 lbs, USEPA
149						Reuse	Newspaper		0.04 3.5 lbs/12" stack, USEPA
149						Reuse	Cardboard		0.59 1.1 and 2.2 lbs each, USEPA
149						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
150	Equipment Repair Shop	5	624.0	Roll off	31.20	Recycling	Alum. Cans		0.01 1 case (24 cans)=0.89 lbs, USEPA
150						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
151	Hotel	5	156.0	Roll off	7.80	Recycling	Alum. Cans		0.06 1 case (24 cans)=0.89 lbs, USEPA
151						Reuse	Composting		0.65 25 lbs/33 gallons (grass), USEPA
151						Reuse	Plastic		0.07 2 lbs/container, per manager
151						Reuse	Fabric		0.03 40-60 lbs/year, per manager
152	Metal printing plate supplier	2	156.0	Roll off	7.80	Reuse	Cardboard		0.52 4 lbs each (large), USEPA
152						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
153	Motel	3	156.0	Roll off	7.80	Recycling	Glass		0.23 0.5 lbs/bottle, USEPA

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
153						Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
154	Aircraft parts manufacturing	24	101.4	Roll off	5.07	Recycling	Cardboard	0.16	2.2 and 4.0 lbs/box, USEPA
154						Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
154						Recycling	Plastic	0.06	0.12 lbs/PET bottle, USEPA
154						Reuse	Cardboard	0.39	1.1 and 2.2 lbs/box, USEPA
154						Reuse	Paper	0.02	5 lbs/ream, USEPA
154						Reuse	Paper	0.05	0.5 lbs/25 sacks, USEPA
154						Reuse	Wood pallets	0.01	(CIWMB reuse credit)
155	Convalescent Care	108	702.0	Roll off	35.10	Recycling	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
155						Reuse	Paper	0.02	5 lbs/ream, USEPA
156	Dental Manufacturing	14	62.4	Roll off	3.12	Recycling	Cardboard	0.09	10-20 lbs/month, per manager
156						Recycling	Alum. Cans	0.10	1 case (24 cans)=0.89 lbs, USEPA
156						Reuse	Paper	0.17	5 lbs/stream, USEPA
157	Distributor auto wheel & accessories	3	133.7	Roll off	6.69	Reuse	Wood pallets	0.06	(CIWMB reuse credit)
157						Reuse	Cardboard	0.14	2.2 and 4 lbs each, USEPA
158	Wood cabinet work	3	78.0	Roll off	3.90	Recycling	Alum. Cans	0.005	40 lbs/cach, USEPA, divided by 5
158						Reuse	Cardboard	0.04	1 case (24 cans)=0.89 lbs, USEPA
158						Reuse	Wood	0.36	329.5 lbs/2d3 (scrap, loose), USEPA
159	Motel	4	156.0	Roll off	7.80	Recycling	Glass	0.48	0.53 lbs/better bottle, USEPA
159						Recycling	Alum. Cans	0.04	1 case (24 cans)=0.89 lbs, USEPA
159						Reuse	Cardboard	0.06	1.1 lbs/small box, USEPA
160	Clothing Retail	1	62.4	Roll off	3.12	Reuse	Cardboard	0.57	2.2 lbs each (medium), USEPA
161	Mfg. Umbrella	78	468.0	Roll off	23.40	Recycling	Alum. Cans	0.20	1 case (24 cans)=0.89 lbs, USEPA
161						Reuse	Paper	0.03	5 lbs/stream, USEPA
161						Reuse	Toner cartridge	0.02	2.5 lbs each, USEPA
161						Reuse	Computer	0.05	26 lbs each, USEPA
162	Grocery Store	3	842.4	Roll off	42.12	Reuse	Cardboard	0.11	1.1 and 2.2 lbs/box, USEPA
162						Reuse	Plastic	0.46	0.5 lbs/tray, per EcoTetesis field study
163	Custom light manufacturing	5	156.0	Roll off	7.80	Recycling	Cardboard	0.36	1.1 lbs/box (small), USEPA
163						Recycling	Alum. Cans	0.03	1 case (24 cans)=0.89 lbs, USEPA
163						Reuse	Paper	0.00	5 lbs/stream, USEPA
164	Mfg. Cemented carbide	28	234.0	Roll off	11.70	Recycling	Alum. Cans	0.01	2.21 lbs/13 gallons, USEPA
164						Reuse	Fiberboard	0.10	25 lbs/55-gal drum, per manager
164						Reuse	Plastic	0.36	1.9 lbs/bucket, USEPA
164						Reuse	Cardboard	0.14	1.1 lbs/box (small), USEPA
164						Reuse	Wood pallets	0.20	(CIWMB reuse credit)
165	Flower store	2	35.1	Roll off	1.76	Reuse	Paper	0.05	2 lbs/week, per manager
165						Reuse	Newspaper	0.31	35 lbs/12" stack, USEPA

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1666	Closed-door pharmaceutical service	6	26.0	Roll off	1.30	Reuse	Cardboard		0.39 1.1 and 2.2 lbs/box, USEPA
1666						Reuse	Paper		0.09 37 lbs/ft ³ (manila env.), FEECO
1666						Reuse	Paper		0.01 5 lbs/ream, USEPA
1667	Food Manufacturing	8	249.6	Roll off	12.48	Reuse	Cardboard		0.20 5-10 lbs/week, per manager
1667						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
1668	Cleaning equipment rental & sale	8	132.6	Roll off	6.63	Recycling	Food		0.18 300-400 lbs/year, per management
1668						Reuse	Alum. Cans		0.01 1 case (24 cans)=0.89 lbs, USEPA
1668						Reuse	Paper		0.02 5 lbs/ream, USEPA
1669	Video rental	2	35.1	Roll off	1.76	Recycling	Alum. Cans		0.39 1.1 and 2.2 lbs each, USEPA
1700	Aerospace CNC mfg.	2	156.0	Roll off	7.80	Recycling	Alum. Cans		0.02 1 case (24 cans)=0.89 lbs, USEPA
1700						Reuse	Cardboard		0.01 1 case (24 cans)=0.89 lbs, USEPA
1711	Photo studio & developing	1	35.1	Roll off	1.76	Recycling	Disp. cameras		0.39 1.1 and 2.2 lbs each, USEPA
1711						Reuse	Plastic		0.30 50 lbs/55 gal. barrel, per manager
1711						Reuse	Plastic		0.06 2 lbs/lq container, per manager
1712	Auto upholstery & furniture	3	156.0	Roll off	7.80	Recycling	Alum. Cans		5.5 lbs/55 gal. of film cannisters, per manager
1712						Reuse	Plastic		0.03 manager
1712						Reuse	Wood		0.01 1 case (24 cans)=0.89 lbs, USEPA
1712						Reuse	Plastic (foam)		0.02 0.13 lbs/bottle, USEPA
1713	Wholesale & retail machinery parts	2	117.0	Roll off	5.85	Reuse	Cardboard		0.18 30 lbs/month, per manager
1713						Reuse	Newspaper		0.08 10-15 lbs/month, per manager
1714	Party supply retail	1	78.0	Roll off	3.90	Reuse	Cardboard		0.39 2.2 and 4 lbs each, USEPA
1714						Reuse	Cardboard		0.18 35 lbs/12" stack, USEPA
1715	Jewelry Manufacturing	12	312.0	Roll off	15.60	Recycling	Paper		0.20 2.2 and 4 lbs each, USEPA
1715						Reuse	Alum. Cans		0.06 10.0 lbs/33 gallon, USEPA
1715						Reuse	Paper		0.01 1 case (24 cans)=0.89 lbs, USEPA
1716	Clothing Shop	1	26.0	Roll off	1.30	Recycling	Alum. Cans		0.03 5 lbs/ream, USEPA
1716						Reuse	Paper		0.01 1 case (24 cans)=0.89 lbs, USEPA
1717	Paint & auto body shop	6	312.0	Roll off	15.60	Recycling	Alum. Cans		0.03 5 lbs/ream, USEPA
1717						Reuse	Paper		0.02 1 case (24 cans)=0.89 lbs, USEPA
1718	Water Filtration	6	156.0	Roll off	7.80	Recycling	Alum. Cans		0.06 10 lbs/week, per manager
1718						Reuse	Magazines		0.01 1 case (24 cans)=0.89 lbs, USEPA
1718						Reuse	Paper		0.18 3 lbs/10, USEPA
1718						Reuse	Plastic (bubble)		0.02 5 lbs/ream, USEPA
1718						Reuse	Toner cartridge		0.08 13 lbs/33 gallons, USEPA
1719	Manufacturing	17	624.0	Roll off	31.20	Recycling	Cardboard		0.01 2.5 lbs each, USEPA
1719						Reuse	Paper		0.08 2.2 and 4 lbs each, USEPA
1719						Reuse	Plastic		0.01 4 lbs/phone book, USEPA
1719						Reuse			0.04 0.33 lbs/1 gal. HDPE lug, USEPA
1719						Reuse	Wood pallets		40 lbs each, USEPA, divided by 5 (CIWMB reuse credit)
1719						Reuse	Textiles (rags)		1 lb/412, USEPA (50 rags sent to linen service/2 weeks x 3 ft ² /rag)
1719						Reuse			0.14 service/2 weeks

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Ref. #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (ton/syr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
180	Women's apparel store	2	31.2	Roll off	1.56	Reuse	Cardboard	0.24	4 lbs each (large), USEPA
181	Water refill store	2	124.8	Roll off	6.24	Reuse	Cardboard	0.14	2.2 and 4.0 lbs/box, USEPA
181							Plastic	0.05	0.33 lb/gal jug, USEPA
182	Men's apparel store	1	35.1	Roll off	1.76	Reuse	Cardboard	0.29	2.2 and 4 lbs each, USEPA
183	Furniture woodwork	20	1170.0	Roll off	58.50	Recycling	Alum. Cans	0.12	1 case (24 cans)=0.89 lbs, USEPA
184	Construction	15	78.0	Roll off	3.90	Recycling	Paper	0.014	1 lbs per phone book, USEPA
185	Jewelry retail store	2	31.2	Roll off	1.56	Reuse	Newspaper	0.27	3.5 lbs/12" stack, USEPA
186	Tire Shop	1	78.0	Roll off	3.90	Reuse	Cardboard	0.30	1.1 and 2.2 lbs each, USEPA (30mo)
187	Mfg. Restaurant equipment	4	156.0	Roll off	7.80	Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
187							Reuse	0.02	(CIWMB reuse credit)
188	Music Retailer	2	62.4	Roll off	3.12	Reuse	Pallets	0.21	1.1, 2.2 and 4 lbs/box, USEPA
189	A/C & Heater repair and installation	7	312.0	Roll off	15.60	Recycling	Cardboard	0.18	3.5 lbs/12" stack, USEPA
190	Children apparel store	1	35.1	Roll off	1.76	Reuse	Newspaper	0.13	4 lbs each (large), USEPA
190							Reuse	0.125	lbsp/plastic hanger, per manager,
191	Pallet manufacturing	9	78.0	Roll off	3.90	Reuse	Plastic	0.01	0.1 divided by 8 (CIWMB reuse credit)
191							Textiles (tags)	0.14	service/week x 3 (2/lb/tag)
192	Leak detection	3	117.0	Roll off	5.85	Recycling	Alum. Cans	0.06	1 case (24 cans)=0.89 lbs, USEPA
192							Toner cartridge	0.01	2.5 lbs each, USEPA
193	Automobile wood dashboard work	5	69.3	Roll off	3.47	Reuse	Wood	0.15	50 lbs every 2 months, per manager
194	Computer Assistance/Sales	36	103.0	Roll off	5.15	Reuse	Paper	0.03	5 lbs/stream, USEPA
194							Reuse	0.06	10 lbs/month, per manager
194							Plastic	0.03	6.27 lbs/yd ² , Tellus
194							Toner cartridge	0.03	2.5 lbs each, USEPA
195	Sterilized water store	2	174.7	Roll off	8.74	Reuse	Cardboard	0.10	2.2 lbs/box (med), USEPA
195							Plastic	0.04	0.9 lbs/bottle, actual weight
196	Metal straightened molding	4	124.8	Roll off	6.24	Recycling	Paper	0.08	25.41 lbs/33 gallons, USEPA
196							Alum. Cans	0.05	1 case (24 cans)=0.89 lbs, USEPA
196							Paper	0.025	5 lbs/stream, USEPA
197	Mfg. Deck & wall sleeves	7	52.0	Roll off	2.60	Reuse	Paper	0.015	1 lbs/stream, USEPA
197							Cardboard	0.13	1.1 and 2.2 lbs each, USEPA
198	Furniture Store	2	62.4	Roll off	3.12	Reuse	Cardboard	0.11	2.2 lbs/box (med), USEPA
198							Paper	0.025	5 lbs/stream, USEPA
199	Donut shop	2	31.2	Roll off	1.56	Reuse	Plastic	0.03	1.5 lbs/container, per manager
199							Food	0.09	3-4 lbs/week unused food donated, per manager
200	Storage	3	312.0	Roll off	15.60	Recycling	Alum. Cans	0.08	7.02 lbs/13 gallons, USEPA
200							Toner cartridge	0.025	5 lbs each, USEPA

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda Item.

Ref. #	Type of Business	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
201	Hardware retail	5	117.0	Roll off	5.85 Recycling	Alum. Cans		0.01 1 case (24 cans)=0.89 lbs, USEPA
201					Reuse	Paper	0.02 5 lbs/ream, USEPA	
201					Reuse	Wood pallets	0.09 40 lbs each, USEPA, divided by 5 (CJWMB reuse credit)	
202	Photo printing	3	62.4	Roll off	3.12 Recycling	Paper		0.01 2 lbs/container, per manager
202					Reuse	Cardboard	0.01 1.1 lbs/box (small), USEPA	
202					Reuse	Disp. cameras	0.08 2.5 lbs/33 gal container, per manager	
203	Machine Shop	24	156.0	Roll off	7.80 Recycling	Alum. Cans	0.01 1 case (24 cans)=0.89 lbs, USEPA	
203					Reuse	Cardboard	0.01 20 lbs/year, per manager	
203					Reuse	Paper	0.01 8 lbs/33 gal shredded paper, USEPA	
203					Reuse	Plastic	0.01 3 lbs/gallon (bubble), USEPA	
204	Machine Shop	4	31.2	Roll off	1.56 Reuse	Toner cartridge		0.02 2.5 lbs each, USEPA
204					Reuse	Paper	0.02 5 lbs/ream, USEPA	
204					Reuse	Cardboard	0.06 4 lbs/box (large), USEPA	
204					Reuse	Wood pallets	0.02 40 lbs each, USEPA, divided by 5 (CJWMB reuse credit)	
205	Mfg. Machinery parts	4	26.0	Roll off	1.30 Reuse	Cardboard		0.09 1.1 and 2.2 lbs each, USEPA
206	Vitamin retail store	1	31.2	Roll off	1.56 Reuse	Cardboard		0.07 1.1 and 2.2 lbs/box, USEPA
206					Reuse	Medicines	0.02 4 lbs/mo. (non-perish), per manager	
207	Party supplier	2	156.0	Roll off	7.80 Recycling	Alum. Cans	0.01 1 case (24 cans)=0.89 lbs, USEPA	
207					Reuse	Wood pallets	0.08 40 lbs each, USEPA, divided by 5 (CJWMB reuse credit)	
208	Math group	15	416.0	Roll off	20.80 Recycling	Alum. Cans	0.09 1 case (24 cans)=0.89 lbs, USEPA	
209	Mfg. Wood furniture	3	46.8	Roll off	2.34 Recycling	Alum. Cans	0.01 1 case (24 cans)=0.89 lbs, USEPA	
210	Assembly furniture	5	78.0	Roll off	3.90 Reuse	Plastic	0.04 1-2 lbs foam pads/week, per manager	
210					Reuse	Fabric	0.04 1-2 lbs fabrics/week, per manager	
211	Lawnmover repair service & sell	1	93.6	Roll off	4.68 Recycling	Alum. Cans	0.01 1 case (24 cans)=0.89 lbs, USEPA	
211					Reuse	Cardboard	0.07 2.2 lbs each (medium), USEPA	
212	Hair salon & beauty supply	3	35.1	Roll off	1.76 Reuse	Cardboard	0.04 2.2 lbs each (medium), USEPA	
212					Reuse	Miscellaneous	0.02 5 lbs/2 months product returned, per manager	
213	Mfg. Furniture frames	5	156.0	Roll off	7.80 Recycling	Alum. Cans	0.06 1 case (24 cans)=0.89 lbs, USEPA	
214	Flower store	1	62.4	Roll off	3.12 Reuse	Cardboard	0.03 1.1 and 2.2 lbs each, USEPA	
214					Reuse	Other organics	0.02 12 lbs/33 gal. container, USEPA	
215	Commercial dry-clean service	7	39.0	Roll off	1.95 Recycling	Alum. Cans	0.05 1 case (24 cans)=0.89 lbs, USEPA	
216	Shoes retail store	4	104.0	Roll off	5.20 Reuse	Cardboard	0.05 0.35 lbs/shoebox, per manager	
217	Automotive Rebuilder	1	117.0	Roll off	5.85		0.00	
218	Auto Insurance Agent	1	62.4	Roll off	3.12 Recycling	Cardboard	0.02 1.1 lbs each (small), USEPA	
218					Reuse	Paper	0.03 5 lbs/ream, USEPA	
219	Termite business	7	468.0	Roll off	23.40 Reuse	Paper	0.03 5 and 6.4 lbs/ream, USEPA	
219					Reuse	Toner cartridge	0.01 2.5 lbs each (small), USEPA	
220	Beauty service	3	31.2	Roll off	1.56 Reuse	Cardboard	0.03 1.1 lbs each (small), USEPA	
221	Machinery repair service	2	156.0	Roll off	7.80 Reuse	Cardboard	0.04 1.1 and 2.2 lbs each, USEPA	

TABLE 1. SUMMARY OF ALL GENERATORS SURVEYED - Excludes Top 10 Generators (ATTACHMENT 9)

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda item.

Ref #	Type of Business	Number of Employees	Cubic yards of disposal	Roll off or Compactor	Disposal* (tons/yr)	Diversion Activity	Material Type	Tons Diverted	Conversion Factor and Source
222	Carpentry installation	2	78.0	Roll off	3.90	Recycling	Alum. Cans	0.03	5.61 lbs/33 gallons, USEPA
223	Building contractor	40	39.0	Roll off	1.95	Recycling	Alum. Cans	0.01	1 case (24 cans)=0.89 lbs, USEPA
224	Rebuilding Computer	30	1560.0	Roll off	78.00			0.00	
225	Auto battery supplies	3	124.8	Roll off	6.24	Recycling	Alum. Cans	0.02	1 case (24 cans)=0.89 lbs, USEPA
226	Travel agent	2	35.1	Roll off	1.76	Reuse	Paper	0.02	5 lbs/ream, USEPA
227	Import	12	156.0	Roll off	7.80	Recycling	Tin cans	0.02	0.77 lbs/can (#10), USEPA
228	Wood Kraft mfg	2	156.0	Roll off	7.80	Reuse	Toner cartridge	0.01	2.5 lbs each, USEPA
229	Tax Preparer	1	62.4	Roll off	3.12	Reuse	Paper	0.02	35 lbs/yr, per manager
230	Furniture wood mfg	4	156.0	Roll off	7.80	Reuse	Toner cartridge	0.00	5 lbs/ream, USEPA
231	Cellular phone retail store	1	35.1	Roll off	1.76	Recycling	Alum. Cans	0.01	2.5 lbs each, USEPA
232	Adult education center	30	561.6	Roll off	28.08			0.01	1 case (24 cans)=0.89 lbs, USEPA
233	Woodwork cabinet	6	52.0	Roll off	2.60			0.00	
234	Custom hand wood turning	4	312.0	Roll off	15.60			0.00	
235	Gas station	3	156.0	Roll off	7.80			0.00	
236	Donuts store	2	174.7	Roll off	8.74			0.00	
237	General auto shop	2	104.0	Roll off	5.20			0.00	
238	Transmission auto shop	2	83.2	Roll off	4.16			0.00	
	Totals		7,690		85,293			6,660	3,082.66 3774.07

*Based on 100 lbs/yd³ density for roll offs and 450 lbs/yd³ density for compactors.